## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) A high-strength thick steel plate excellent in low temperature toughness at heat affected zone resulting from large heat input welding of more than 20kJ/mm, the high strength steel having a thickness of at least 50 mm, characterized by containing consisting essentially of, by wt%,

C: 0.03-0.14%,

Si: 0.30% or less,

Mn: 0.8-2.0%,

P: 0.02% or less,

S: 0.005% or less,

Al: 0.001 - 0.040% 0.012 - 0.040%,

N: 0.0010-0.0100%,

Ni: 0.8-4.0%,

Ti: 0.005-0.030%, and

Nb: 0.003-0.040% 0.003-0.010%,

where Ni and Mn satisfy equation [1], and the balance of iron and unavoidable impurities:

Ni/Mn $\ge$ 10xCeq-3 (0.36  $\le$  Ceq  $\le$  0.42) [1] where, Ceq=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15.

2. (Currently Amended) A <u>The</u> high-strength thick steel plate excellent in low temperature toughness at heat affected zone resulting from large heat input welding <u>of more than 20kJ/mm</u>, the high strength steel having a thickness of at least 50 mm, according to claim 1, <del>characterized by</del> further <u>consisting essentially of containing</u>, by wt%, one or more of:

Ca: 0.0003-0.0050%,

Mg: 0.0003-0.0050%, and

REM: 0.001-0.030% and

contains at least 100/mm<sup>2</sup> of oxide particles containing

O: 0.0010-0.0050%

and having a equivalent circle diameter of 0.005 to 0.5 µm.

- 3. (Currently Amended) A The high-strength thick steel plate excellent in low temperature toughness at heat affected zone resulting from large heat input welding of more than 20kJ/mm, the high strength steel having a thickness of at least 50 mm, according to claim 1, characterized by further consisting essentially of containing, by wt%, B: 0.0005-0.0050%.
- 4. (Currently Amended) A The high-strength thick steel plate excellent in low temperature toughness at heat affected zone resulting from large heat input welding of more than 20kJ/mm, the high strength steel having a thickness of at least 50 mm, according to claim 1, eharacterized by further consisting essentially of containing, by wt%, one or more of:

Cr: 0.1-0.5%,

Mo: 0.01-0.5%,

V: 0.005-0.10%, and

Cu: 0.1-1.0%.

5. (Canceled)

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